

IS&R	3181	(375/316,341,340,346).CCL.S.	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 15:17
BRS	3030	multitone\$1 or (multi adj tone\$1)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:15
BRS	450	time adj domain near3 window\$	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:22
BRS	588	mlse	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:00
BRS	6399	maximum adj likelihood	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:00
BRS	11880	fft	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:16
BRS	33965	fourier adj transform\$1	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:16
BRS	36981	fft or (fourier adj transform\$1)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:16
BRS	6487	mlse or (maximum adj likelihood)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:09
		((fft or (fourier adj transform\$1)) same (mlse or (maximum adj likelihood)) same (multitone\$1 or (multi adj		
BRS	1	tone\$1))	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:18
BRS	346	per adj bin	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:18
BRS	346	(per adj bin) or per-bin	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:18
BRS	1	((per adj bin) or per-bin) same (mlse or (maximum adj likelihood))	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:19
BRS	9	per-bin	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:19
BRS	317	frequency adj domain near3 window\$	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:23
BRS	0	(time adj domain near3 window\$) same ((per adj bin) or per-bin)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:23
BRS	832	frequency adj domain with window\$	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:23
BRS	63	(time adj domain near3 window\$) same (frequency adj domain near3 window\$)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:23
BRS	2	((time adj domain near3 window\$) same (frequency adj domain near3 window\$)) same fir	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:24
BRS	7	((time adj domain near3 window\$) same (frequency adj domain near3 window\$)) same (equaliz\$ or equalis\$)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:27
BRS	1	((time adj domain near3 window\$) same (frequency adj domain near3 window\$)) same (equaliz\$ or equalis\$) and 6208297.pn.	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:37
BRS	0	((time adj domain near3 window\$) same (frequency adj domain near3 window\$)) same (equaliz\$ or equalis\$) and 6208297.pn.) and mlse	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:27
BRS	1	((time adj domain near3 window\$) same (frequency adj domain near3 window\$)) same (equaliz\$ or equalis\$) and 6208297.pn.) and maximum	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:27
BRS	2	6208297.pn.	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:37
BRS	1	6208297.pn. and (time with equali\$)	USPAT; US-PGPUB; EPO; DERWENT	6/10/03 12:37
IS&R	4	((("6396886") or ("6563841")).PN.	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:14
BRS	1	((("6396886") or ("6563841")).PN.) and bin	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:27
BRS	14	per-bin	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:34
BRS	1	((("6396886") or ("6563841")).PN.) and decoding	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:31
BRS	2	((("6396886") or ("6563841")).PN.) and "38"	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:31
BRS	50272	bin	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	51	bin near3 equali\$5	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	943	maximum adj likelihood adj sequence adj estimat\$5	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	633	mlse	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	1070	(maximum adj likelihood adj sequence adj estimat\$5) or mlse	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	0	(bin near3 equali\$5) same ((maximum adj likelihood adj sequence adj estimat\$5) or mlse)	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	4	(bin near3 equali\$5) and ((maximum adj likelihood adj sequence adj estimat\$5) or mlse)	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:35
BRS	4	((bin near3 equali\$5) and ((maximum adj likelihood adj sequence adj estimat\$5) or mlse)) and @ad<2000602	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:41
BRS	1	((bin near3 equali\$5) and ((maximum adj likelihood adj sequence adj estimat\$5) or mlse)) and @ad<2000602 and window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 14:41
BRS	2	6563841.pn. and frequency	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 20:16
BRS	2	(6563841.pn. and frequency) and domain	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 20:05
BRS	1	6563841.pn. and noise	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 20:17
BRS	1	6563841.pn. and interference	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 20:19
BRS	1	6563841.pn. and digital	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:08
BRS	1	6563841.pn. and (equali\$ and bin\$4)	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:12
BRS	1	6563841.pn. and fir	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:14
BRS	1	6563841.pn. and axis	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:16
BRS	0	6563841.pn. and search	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:16
BRS	0	6563841.pn. and search\$	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:16
BRS	1	6563841.pn. and viterbi	USPAT; US-PGPUB; EPO; DERWENT	9/10/03 21:17
BRS	2	6563841.pn. and (frequency same equali\$)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 18:38
BRS	0	6563841.pn. and (metric)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 18:38
BRS	0	6563841.pn. and (metric\$2)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 18:40
BRS	0	6563841.pn. and state	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 18:56
BRS	1	6563841.pn. and coefficient\$3	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:00
BRS	0	6563841.pn. and msle	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:00
BRS	1	6563841.pn. and mlse	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:01
BRS	1	6563841.pn. and maximum	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:01
BRS	0	mlse with stat adj metric	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:02
BRS	4	mlse with state adj metric	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:08
BRS	464	state adj metric\$1	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:08
BRS	5104	subtract\$4 near3 (noise or interfer\$5)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:10
BRS	6891	mlse or (maximum adj likelihood)	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:09
BRS	0	(state adj metric\$1) same (subtract\$4 near3 (noise or interfer\$5)) same (mlse or (maximum adj likelihood))	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:15
BRS	1072395	noise or interfer\$5	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:10
BRS	8	(state adj metric\$1) same (noise or interfer\$5) same (mlse or (maximum adj likelihood))	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:11
BRS	422	bin\$2 with decod\$4	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:11
BRS	5	(bin\$2 with decod\$4) same (mlse or (maximum adj likelihood))	USPAT; US-PGPUB; EPO; DERWENT	9/11/03 19:17
IS&R	1282	((375/341) or (714/794-796)).CCL.S.	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:46
BRS	633	mlse	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:46
BRS	2580	maximum adj likelihood near4 estimat\$4	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:47
BRS	2689	mlse or (maximum adj likelihood near4 estimat\$4)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:49
BRS	1294	state near3 metric\$2	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:49
BRS	81	(mlse or (maximum adj likelihood near4 estimat\$4)) same (state near3 metric\$2)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:50
BRS	1	((mlse or (maximum adj likelihood near4 estimat\$4)) same (state near3 metric\$2)) same coefficient\$1	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:49
BRS	38	(mlse or (maximum adj likelihood near4 estimat\$4)) same fourier	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:50
BRS	0	((mlse or (maximum adj likelihood near4 estimat\$4)) same (state near3 metric\$2)) same coefficient\$1) and ((mlse or (maximum adj likelihood near4 estimat\$4)) same fourier)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:51

09/586,441 East search 10/27/04 P/MMS

BRS	0	((mlse or (maximum adj likelihood near4 estimat\$4)) same (state near3 metric\$2)) same coefficient\$1) and fourier	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:51
BRS	0	((mlse or (maximum adj likelihood near4 estimat\$4)) same (state near3 metric\$2)) same coefficient\$1) and fft	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:51
BRS	53646	fft or fourier	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:52
BRS	513	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4)))	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:52
BRS	22	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 13:52
BRS	15	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:40
BRS	15	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:07
BRS	14	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602) and decod\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:41
BRS	11	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602) and bin\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:42
BRS	0	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602) and bin\$1	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:42
BRS	1	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602) and 5867532.pn.	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:50
BRS	0	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602) and 5867532.pn.) and window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:50
BRS	56	(additive near3 noise) same window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:50
BRS	0	(additive near3 noise) with (time or frequency) near3 window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:51
BRS	30108	(time or frequency) near3 window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:51
BRS	669	((time or frequency) near3 window\$3) near3 domain	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:51
BRS	100	((time or frequency) near3 window\$3) near3 domain) same noise	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 21:51
BRS	3	((time or frequency) near3 window\$3) near3 domain) same noise) same color\$5	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:05
BRS	0	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602) and 5867532.pn.) and tone	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:05
BRS	0	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602) and 5867532.pn.) and dmt	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:05
BRS	7425	dmt or (multitone\$3 or (multi adj tone\$3) or multi-tone\$3)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:18
BRS	1	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602) and 5867532.pn.) and multi\$6	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:06
BRS	0	((fft or fourier) and (mlse or (maximum adj likelihood near4 estimat\$4))) and ((state or path) near3 metric\$)) and @ad<20000602) and (dmt or (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:08
BRS	572	(dmt or (multitone\$3 or (multi adj tone\$3) or multi-tone\$3)) and fft	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:08
BRS	0	((dmt or (multitone\$3 or (multi adj tone\$3) or multi-tone\$3)) and fft) and mlse	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:08
BRS	4	((dmt or (multitone\$3 or (multi adj tone\$3) or multi-tone\$3)) and fft) and mlse	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:13
BRS	2462	definition with discrete multi-tone	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:14
BRS	2	definition with discrete adj multi-tone	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:14
BRS	1	viterbi with discrete adj multi-tone	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:14
BRS	5601	dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:25
BRS	736	(dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))) and ((fourier or fft)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:26
BRS	3889	(fourier or fft) same window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:26
BRS	86	(dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))) and ((fourier or fft) same window\$3)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:26
BRS	53	((dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))) and ((fourier or fft) same window\$3)) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:28
BRS	1	6563864.pn. and discrete	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:29
BRS	21	((dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))) and ((fourier or fft) same window\$3)) and @ad<20000602) and bin\$1	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:33
BRS	286848	mlse or estimat\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:33
BRS	16	((dmt or (discrete near3 (multitone\$3 or (multi adj tone\$3) or multi-tone\$3))) and ((fourier or fft) same window\$3)) and @ad<20000602) and bin\$1) and (mlse or estimat\$3)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:48
BRS	0	6097763.pn. and mlse	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:50
BRS	0	6097763.pn. and metric\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:50
BRS	0	6097763.pn. and state	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:50
BRS	0	6097763.pn. and states	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 22:51
BRS	1	6097763.pn. and decod\$3	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:03
BRS	1	6097763.pn. and (noise)	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:06
BRS	810515	6097763.pn. and digital	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:06
BRS	1	6097763.pn. and digital	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:07
BRS	0	6097763.pn. and dsl	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:10
BRS	1	6097763.pn. and bin\$1	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:17
BRS	1	6097763.pn. and coefficient\$1	USPAT; US-PGPUB; EPO; DERWENT	9/14/03 23:17
BRS	6801	maximum adj likelihood	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:00
BRS	633	mlse	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:01
BRS	6892	(maximum adj likelihood) or mlse	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:01
BRS	28853	metric\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:01
BRS	6848	estimat\$4 near4 noise	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:01
BRS	551	(estimat\$4 near4 noise) with subtract\$4	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:02
BRS	92	((estimat\$4 near4 noise) with subtract\$4) same coefficient\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:02
BRS	3	((estimat\$4 near4 noise) with subtract\$4) same coefficient\$1) same ((maximum adj likelihood) or mlse)	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:04
BRS	1	5668927.pn. and (dmt or discrete)	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:05
BRS	0	5668927.pn. and additive	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:05
BRS	0	5668927.pn. and colored	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:05
BRS	1	5668927.pn. and window\$3	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:10
BRS	0	5668927.pn. and metric\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:10
BRS	0	5668927.pn. and stat\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:10
BRS	1	5668927.pn. and stat\$2	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:11
BRS	970	((maximum adj likelihood) or mlse) same metric\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:11
BRS	28	((maximum adj likelihood) or mlse) same metric\$1) same (estimat\$4 near4 noise)	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:11

BRS	23	(((maximum adj likelihood) or mlse) same metric\$1) same (estimat\$4 near4 noise)) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:14
BRS	10	(((maximum adj likelihood) or mlse) same metric\$1) same (estimat\$4 near4 noise)) and @ad<20000602		
BRS	2	and (noise same coefficient\$1)	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:21
BRS	0	6302576.pn. and metric\$1	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:24
BRS	0	6302576.pn. and (subtract\$4 same noise)	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:27
BRS	2	6302576.pn. and (subtract\$4 and noise)	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:25
BRS	2	(6302576.pn. and metric\$1) and (6302576.pn. and (subtract\$4 and noise))	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:25
BRS	0	6302576.pn. and white	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:27
BRS	0	6302576.pn. and additive	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 13:27
BRS	2	6302576.pn. and noise	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 14:31
BRS	2	6302576.pn. and noise	USPAT; US-PGPUB; EPO; DERWENT	9/15/03 14:33
BRS	20	per-bin	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 16:00
BRS	465	per adj bin	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 16:00
BRS	465	per-bin or (per adj bin)	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 16:00
BRS	74	(per adj bin) and fourier	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:56
BRS	3	((per adj bin) and fourier) and mlse	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 16:00
BRS	11	((per adj bin) and fourier) and (maximum adj likelihood)	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 16:21
BRS	11	((per adj bin) and fourier) and ((per adj bin) and fourier) and (maximum adj likelihood)	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 16:18
BRS	2	dmt same mlse	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:37
BRS	0	(dmt same mlse) and bin\$1	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:57
BRS	5	dmt same (maximum adj likelihood)	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 16:21
BRS	2	discrete adj multi adj tone same (maximum adj likelihood)	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:55
BRS	1	discrete adj multitone same (maximum adj likelihood)	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 16:21
BRS	7	(dmt same mlse) or (dmt same (maximum adj likelihood)) or (discrete adj multi adj tone same (maximum adj likelihood)) or (discrete adj multitone same (maximum adj likelihood))	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 16:53
BRS	2	6563841.pn. and window\$4	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 16:55
BRS	2	6563841.pn. and frequency near4 domain	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:00
BRS	1	(6563841.pn. and frequency near4 domain) and ((per adj bin) or bin)	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:00
BRS	1	((6563841.pn. and frequency near4 domain) and ((per adj bin) or bin)) and decod\$4	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:36
BRS	0	((6563841.pn. and frequency near4 domain) and ((per adj bin) or bin)) and metric\$1	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:36
BRS	0	((6563841.pn. and frequency near4 domain) and ((per adj bin) or bin)) and state\$1	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:36
BRS	7632	(maximum adj likelihood) or mlse	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:38
BRS	256	((maximum adj likelihood) or mlse) same state near3 metric\$1	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:38
BRS	8	((maximum adj likelihood) or mlse) same state near3 metric\$1) and bin\$1	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:55
BRS	6071	discrete adj multi adj tone or dmt	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:55
BRS	6055	discrete adj multitone or dmt	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:55
BRS	6054	discrete adj multi-tone or dmt	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:55
BRS	6203	(discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:55
BRS	803	((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:56
BRS	51	((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier and ((maximum adj likelihood) or mlse)	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:56
BRS	30	((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier and ((maximum adj likelihood) or mlse)) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:56
BRS	12	((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier and ((maximum adj likelihood) or mlse)) and @rlad<20000602	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:56
BRS	51	((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier and ((maximum adj likelihood) or mlse)) and @ad<20000602 or (((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier) and ((maximum adj likelihood) or mlse))	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:56
BRS	37	((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier and ((maximum adj likelihood) or mlse)) and @ad<20000602 or (((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier) and ((maximum adj likelihood) or mlse)) and @rlad<20000602	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 17:57
BRS	14	((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier and ((maximum adj likelihood) or mlse)) and @ad<20000602 or (((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier) and ((maximum adj likelihood) or mlse)) and @rlad<20000602)) and bin\$1	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 18:14
BRS	0	((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier and ((maximum adj likelihood) or mlse)) and @ad<20000602 or (((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier) and ((maximum adj likelihood) or mlse)) and @rlad<20000602)) and bin\$1) and state near4 metric\$1	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 18:02
BRS	1	((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier and ((maximum adj likelihood) or mlse)) and @ad<20000602 or (((discrete adj multi adj tone or dmt) or (discrete adj multitone or dmt) or (discrete adj multi-tone or dmt)) and fourier) and ((maximum adj likelihood) or mlse)) and @rlad<20000602)) and bin\$1) and metric\$1	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 18:02
BRS	2	6631175.pn. and noise	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 18:57
BRS	0	6631175.pn. and additive	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 18:51
BRS	0	6631175.pn. and color\$4	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 18:51
BRS	1	6631175.pn. and white	USPAT; US-PGPUB; EPO; DERWENT	2/24/04 18:57
BRS	6691	dmt	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:50
BRS	1082	discrete adj multi adj tone	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:51
BRS	6877	dmt or (discrete adj multi adj tone)	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:51
BRS	62090	fourier	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:51
BRS	0	fourierper adj bin	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:52
BRS	535	per adj bin	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:52
BRS	4879	noise near6 coefficient\$1	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:52
BRS	1287	maximum near3 likelihood near4 sequence near4 estimat\$5	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:53
BRS	791	mlse	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:53
BRS	1436	(maximum near3 likelihood near4 sequence near4 estimat\$5) or mlse	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:53
BRS	0	(per adj bin) with ((maximum near3 likelihood near4 sequence near4 estimat\$5) or mlse)	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:53
BRS	0	(per adj bin) same ((maximum near3 likelihood near4 sequence near4 estimat\$5) or mlse)	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:53
BRS	7699	discrete near4 fourier	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:53
BRS	5367	dft	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:54
BRS	9683	(discrete near4 fourier) or dft	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:54

BRS	7	((discrete near4 fourier) or dft) same (per adj bin)	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 12:55
BRS	7	((maximum near3 likelihood near4 sequence near4 estimat\$5) or mlse) same (noise near6 coefficient\$1)	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 14:26
BRS	635	((maximum near3 likelihood near4 sequence near4 estimat\$5) or mlse) same equali\$5	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 15:25
BRS	4645	lms	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 15:25
BRS	833	lms same equali\$5	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 15:37
BRS	21	(lms same equali\$5) same ((maximum near3 likelihood near4 sequence near4 estimat\$5) or mlse)	USPAT; US-PGPUB; EPO; DERWENT	10/26/04 15:37
BRS	46	bin same (mlse or (maximum near3 likelihood))	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 16:37
BRS	22	(bin same (mlse or (maximum near3 likelihood))) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 16:33
BRS	9	(bin same (mlse or (maximum near3 likelihood))) and @rlad<20000602	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 16:33
BRS	25	((bin same (mlse or (maximum near3 likelihood))) and @ad<20000602) or ((bin same (mlse or (maximum near3 likelihood))) and @rlad<20000602)	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 15:40
BRS	9515	dft or (discrete near3 fourier)	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 15:41
BRS	8953	dmt or ((multi adj tone) or multitone)	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 15:41
BRS	12	(dmt or ((multi adj tone) or multitone)) same (mlse or (maximum near3 likelihood))	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 16:06
BRS	9	((dmt or ((multi adj tone) or multitone)) same (mlse or (maximum near3 likelihood))) and (dft or (discrete near3 fourier))	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 16:03
BRS	2	6631175.pn.	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 15:45
BRS	2	6563841.pn.	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 18:48
BRS	9	((dmt or ((multi adj tone) or multitone)) same (mlse or (maximum near3 likelihood))) and (dft or (discrete near3 fourier)) and likelihood	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 16:32
BRS	0	((dmt or ((multi adj tone) or multitone)) same (mlse or (maximum near3 likelihood))) and (dft or (discrete near3 fourier)) and bin\$1	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 16:33
BRS	31	feq same bin\$1	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 16:37
BRS	17	(feq same bin\$1) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:53
BRS	7	(feq same bin\$1) and @rlad<20000602	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 16:38
BRS	20	((feq same bin\$1) and @ad<20000602) or ((feq same bin\$1) and @rlad<20000602)	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 16:34
BRS	3	(feq same (mlse or (maximum near3 likelihood))) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:33
BRS	1	(feq same (mlse or (maximum near3 likelihood))) and @rlad<20000602	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:53
BRS	4	((feq same (mlse or (maximum near3 likelihood))) and @ad<20000602) or ((feq same (mlse or (maximum near3 likelihood))) and @rlad<20000602)	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:44
BRS	0	6754261.pn. and trellis	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:45
BRS	0	6754261.pn. and viterbi	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:26
BRS	1	5400322.pn. and viterbi	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:46
BRS	1	5400322.pn. and (trellis or viterbi)	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:46
BRS	4	feq same (mlse or (maximum near3 likelihood))	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:48
BRS	10350723	trellis near4 decod\$4 advantag\$4	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:48
BRS	47	trellis near4 decod\$4 near5 advantag\$4	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:53
BRS	159	viterbi near4 decod\$4 near5 advantag\$4	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:55
BRS	15	(viterbi near4 decod\$4 near5 advantag\$4) and @rlad<20000602	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:33
BRS	111	(viterbi near4 decod\$4 near5 advantag\$4) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:54
BRS	6	(viterbi near4 decod\$4 near5 advantag\$4) with (lower\$4 or minimiz\$4)	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 17:55
BRS	801	time near3 domain near5 window\$5	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 18:52
BRS	634	frequency near3 domain near5 window\$5	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 18:48
BRS	7	(time near3 domain near5 window\$5) same teq	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 18:57
IS&R	4	((("6754261") or ("5400322")).PN.	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 18:52
BRS	1	((("6754261") or ("5400322")).PN.) and window\$5	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 18:52
BRS	1	(frequency near3 domain near5 window\$5) same feq	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:01
BRS	139	(frequency near3 domain near5 window\$5) same ftf	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:02
BRS	50	(frequency near3 domain near5 window\$5) same dft	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:02
BRS	0	6754261.pn. and coefficient\$4	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:27
BRS	2	6754261.pn. and coefficient\$4	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:28
BRS	1	5400322.pn. and coefficient\$4	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:32
BRS	0	5400322.pn. and metrics	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:32
BRS	1	5400322.pn. and state	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:32
BRS	105	trellis same metric\$1 same coefficient\$1	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:34
BRS	34	(trellis same metric\$1 same coefficient\$1) and @rlad<20000602	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:33
BRS	43	(trellis same metric\$1 same coefficient\$1) and @ad<20000602	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:33
BRS	74	((trellis same metric\$1 same coefficient\$1) and @rlad<20000602) or ((trellis same metric\$1 same coefficient\$1) and @ad<20000602)	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:33
BRS	10	(trellis same metric\$1 same coefficient\$1) same noise	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:34
BRS	167	viterbi same metric\$1 same coefficient\$1	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:34
BRS	21	(viterbi same metric\$1 same coefficient\$1) same noise	USPAT; US-PGPUB; EPO; DERWENT	10/27/04 19:34